In the Claims

1. (Original) A mobile communication system for wireless communications, the system comprising:

a power adapter configured to receive input power from a power source and to adapt the input power to an output power, the output power being within Universal Serial Bus (USB) standards;

a USB cable coupled to the power adapter to transmit the output power from the power adapter, the USB cable including at least one USB connector; and

a router configured to be coupled to the USB cable and configured to receive the output power transmitted by the USB cable to power components of the router such that the router can operate using the output power transmitted by the USB cable, the router including at least one antenna and being configured to communicate wirelessly through the at least one antenna with a wireless-enabled communication device.

2. (Original) The system of claim 1 wherein the router is configured to operate using only the power transmitted by the USB cable.

3. (Original) The system of claim 2 wherein the router is configured to operate using power with about 5V of voltage and between about 0.5A and about 1.0A of current.

4. (Original) The system of claim 1 wherein the router includes a housing having dimensions of less than about 6″ by less than about 4″ by less than about 2″.

5. (Original) The system of claim 1 wherein the router includes communication components only for wireless communications with personal-use computing devices through the at least one antenna.

6. (Original) The system of claim 5 wherein the router is configured to communicate with PCMCIA cards through the at least one antenna.

7. (Original) The system of claim 1 wherein the at least one USB connector of the USB cable includes a female USB connector, the system further comprising a power cable that includes a male USB connector on a first end of the power cable for coupling with the female USB connector of the USB cable and includes a female power connector on a second end of the power cable, the female power connector configured to be inserted into a power port of the router.

8. (Original) The system of claim 1 further comprising a power bag configured with at least a first compartment and a second compartment, the first compartment be configured to receive, store, and protect a laptop computer, and the second compartment including a plurality of pockets configured to receive the power adapter and the router, respectively.

9. (Original) A mobile communication system for wireless communications, the system comprising:

a power adapter configured to receive input power from a power source and to adapt the input power to an output power, the output power having a voltage of about 5V and a current of about 1A or less;

a router configured to receive the output power from the power adapter to power components of the router such that the router can operate using only the output power from the power adapter, the router including at least one antenna and being configured to communicate wirelessly through the at least one antenna with a wireless-enabled communication device; and

cabling configured to couple the power adapter to the router to provide the output power from the power adapter to the router.

10. (Original) The system of claim 9 wherein the router is configured to operate using power with about 5V of voltage and between about 0.5A and about 1.0A of current.

11. (Original) The system of claim 9 wherein the power adapter includes a Universal Serial Bus (USB) port at which the output power is provided.

12. (Original) The system of claim 10 wherein the cabling includes:

a USB cable that includes a male USB connector at a first end for coupling to the USB port of the power adapter, and includes a splitter at a second end with at least two female USB ports; and

a power cable that includes a male USB connector on a first end of the power cable configured to be inserted in one of the female USB ports of the USB cable, and includes a female power connector on a second end of the power cable, the female power connector configured to be inserted into a power port of the router.

13. (Currently Amended) A wireless router configured for wireless communications only, the router comprising:

a data port configured to transmit and receive wired communications from a communication line;

~~a plurality of~~ an antenna[[s]] configured to transmit and receive wireless communications;

communication circuitry coupled to the data port and the ~~plurality of~~ antenna[[s]] and consisting of components configured for electronic communication and that are ~~coupled~~ configured for wireless communications only with personal-use computing devices to route the wired communications to an appropriate personal-use computing device as wireless communications via the antenna; and

a power port configured to couple to a power cable and to receive power from the power cable;

wherein the communication circuitry is coupled to the power port and is configured to operate using the power received at the power port if the received power is within Universal Serial Bus (USB) standards having an associated voltage of about 5V and an associated current of between about 0.5A and about 1.0A.

14. (Original) The router of claim 13 further comprising a housing configured to house the communication circuitry, the housing having dimensions of less than about 6″ by less than about 4″ by less than about 2″.

15. (Original) The router of claim 14 wherein the antennas are rotationally coupled to the housing, the antennas sized and disposed such that the router has dimensions of less than about 6″ by less than about 5″ by less than about 2″ with the antennas disposed alongside a length of the housing.

16. (Previously presented) The system of claim 1 wherein the power adapter is configured to receive AC or DC input power from the power source.

17. (Previously presented) A portable wireless local area network comprising:

a power source for providing output power having a voltage of about 5VDC and a current of between about 0.5A and about 1.0A;

a router coupled to the power source and configured to operate from the output power received from the power source, the router including a router antenna and communication circuitry coupled to the router antenna that is configured for wireless communications via the antenna; and

a plurality of mobile communication devices each including a device antenna and wireless communication circuitry that is coupled to the device antenna and configured to communicate via the device antenna with the router;

wherein the plurality of mobile communication devices can communicate with each other through the router.

18. (Previously presented) The network of claim 17 wherein the power source is configured to provide the output power through a USB connector.

19. (Previously presented) The network of claim 18 wherein the power source is configured to receive AC or DC input power and to use the input power to provide the output power.

20. (Previously presented) The network of claim 17 further comprising a carry bag configured to carry the power source and the router.

21. (Previously presented) The network of claim 17 wherein the mobile communication devices include at least one of a PDA and a portable computer.